

WHAT IS CLAIMED IS

1. A metallic plate material for an electric/electronic instrument, comprising:

5 a resin-coated metallic plate material, wherein said resin coating contains, as resin, at least one substance chosen from a group consisting of acryl-based resin, epoxy-based resin, and urethane-based resin,

10 contains water in the amount of 1 to 50 mass % and a lubricant in the amount of 0.1 to 20 mass %, and has a thickness of 0.05 to 5 μm .

2. The metallic plate material for an electric/electronic instrument according to claim 1, wherein

15 said resin coating further contains at least one acrylamide substance chosen from a group of acrylamide, polyacrylamide and acrylamide compounds in the amount of 5 mass % or more.

3. The metallic plate material for an electric/electronic instrument according to claim 1 or 2, wherein

20 said resin coating contains a surface-active agent in the amount of 0.5 to 30 mass %.

4. The metallic plate material for an electric/electronic instrument according to claim 1, wherein

said resin coating is a layer formed by applying a water thinnable coating material, wherein

25 said water thinnable coating material contains, as resin, at least one substance chosen from a group consisting of acryl-based resin, epoxy-based resin and urethane-based resin, and a lubricant in the amount of 0.1 to 20 mass %, and

30 said layer is so formed by applying said water thinnable coating material as to contain water in the amount of 1 to 50 mass %.

5. The metallic plate material for an electric/electronic instrument according to claim 4, wherein

the solid component of said water thinnable coating material includes at least one acrylamide substance chosen from a group

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of acrylamide, polyacrylamide and acrylamide compounds in the amount of 5 mass % or more.

6. The metallic plate material for an electric/electronic instrument according to claim 4 or 5, wherein

5 the solid component of said water thinnable coating material includes a surface-active agent in the amount of 0.5 to 30 mass %.

7. The metallic plate material for an electric/electronic instrument according to any of claims 4 to 6, wherein

10 the amount of the solid component of said water thinnable coating material is 3 to 40 mass %, and said water thinnable coating material has a viscosity of 5 to 40 seconds in efflux time measured using a No. 4 Ford cup specified in JIS K5400, at a temperature of 20°C.

15 8. The metallic plate material for an electric/electronic instrument according to any of claims 4 to 7, wherein

said layer is formed by applying said water thinnable coating material in a top-feed method.

9. An electric/electric instrument using the metallic plate material according to any of claims 1 to 8.

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